

WHAT IS CLAIMED IS:

1 1. A displaying apparatus comprising a signal generator part generating a video signal,
2 and a display part displaying thereon a picture based on the video signal generated by the signal
3 generator part, further comprising:

4 a setting part including a portion set part displaying a set portion at a user chosen arbitrary
5 position of a screen of the display part, and a size adjuster part adjusting the size of the set portion
6 based on movement of a cursor from the arbitrary position within the portion set by the portion set
7 part to another position; and

8 a controller part for storing a position value of the set portion set by the setting part,
9 generating a setting signal corresponding to the set portion based on the position value, and
10 processing the video signal according to the setting signal.

1 2. The displaying apparatus according to claim 1, wherein the controller part increases
2 a signal level of the set portion by synthesizing a value of the video signal and a value of the setting
3 signal.

1 3. The displaying apparatus according to claim 1, wherein the controller part decreases
2 a signal level of the set portion by offsetting a value of the video signal and a value of the setting
3 signal.

1 4. The displaying apparatus according to claim 1, further comprising a clock generator
2 part generating a clock according to a reference position of the set portion based on the position
3 value of the set portion set by the portion set part.

1 5. The displaying apparatus according to claim 4, wherein the setting signal comprises
2 at least one color signal corresponding to the video signal; and
3 the setting part further comprises at least one signal adjuster part for changing the levels of
4 the respective color signals.

1 6. The displaying apparatus according to claim 1, further comprising a storage part
2 storing the position value of the set portion set through the setting part; and
3 a scaler adjusting the width of the setting signal of the set portion set through the size adjuster
4 part.

1 7. The displaying apparatus according to claim 6, wherein the controller adjusts the
2 signal level of the set portion by composing the video signal with the setting signal.

1 8. A method of controlling a displaying apparatus comprising a signal generator part
2 generating a video signal, and a display part displaying thereon a picture based on the video signal
3 generated by the signal generator part, comprising the steps of:
4 setting a set portion at an arbitrary position within a screen of the display part,

5 adjusting a size of the set portion based on movement of a cursor from the arbitrary position
6 of the set portion to another position;

7 generating a setting signal corresponding to the set portion; and

8 processing the video signal according to the setting signal corresponding to the set portion.

1 9. The method according to claim 8, wherein in the step of processing the video signal,
2 the video signal and the setting signal corresponding to the set portion are synthesized.

1 10. The method according to claim 8, wherein in the step of processing the video signal,
2 the video signal and the setting signal corresponding to the set portion are offset.

1 11. The method according to claim 8, wherein in the step of setting the setting portion,
2 a clock is generated according to a reference position of the set portion based on the position value
3 of the set position.

1 12. The method according to claim 8, wherein the setting signal includes at least one
2 color signal, and the video signal is processed corresponding to the color signal.

1 13. The method according to claim 8, wherein the setting signal includes a magnification
2 signal, and the video signal is processed corresponding to the magnification signal.

14. The method according to claim 13, wherein when the video signal is processed corresponding to the magnification signal, the width of the video signal is adjusted.

15. A displaying apparatus comprising a signal generator part generating a video signal, and a display part displaying thereon a picture based on the video signal generated by the signal generator part, further comprising:

a setting part enabling a user to adjust an image, said setting part comprising:

a portion set part for displaying a set portion on a screen of the display part, said portion set part including a selection key, a plurality of adjuster keys and a cancellation key, said selection key, when toggled by the user, causing an initial cursor to be displayed on the screen, a position of said initial cursor being arbitrarily adjusted by user manipulation of said adjuster keys, and said set portion being removed from the screen in response to user manipulation of said cancellation key;

a size adjuster part for enabling the user to adjust a size of said set portion, said size adjuster part, when toggled by the user, displaying a second cursor on said screen, said size of said set portion being adjusted by moving said second cursor diagonally with respect to said initial cursor by user manipulation of said adjuster keys; and

a signal adjuster part enabling the adjustment of brightness values of an image displayed in the set portion, said brightness values being adjusted by user manipulation of said adjuster keys.

1 16. The displaying apparatus as set forth in claim 15, said size adjuster part further
2 enabling the user to adjust a magnification of the image displayed in the set portion in response to
3 user manipulation of said adjuster keys.

1 17. The displaying apparatus as set forth in claim 15, said signal adjuster part further
2 enabling the adjustment of color values of the image displayed in the set portion in response to user
3 manipulation of said adjuster keys.

1 18. The displaying apparatus as set forth in claim 17, said signal adjuster part further
2 enabling the adjustment of color values of the image displayed in the set portion in response to user
3 manipulation of said adjuster keys.